

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (original): A method for manufacturing a preparation
2 carrier, in particular suitable for use in chemical and
3 biochemical research, wherein:
4 - on at least one surface of a carrier base, a layer of
5 plastic is provided,
6 - wherein the plastic layer is treated thermally and/or
7 chemically, such that the surface roughness of the side of
8 the plastic that faces the carrier base is reduced, while it
9 does not adhere to the carrier base,
10 - whereupon the plastic is removed from the carrier base,
11 with the released, relatively smooth surface of the plastic
12 forming a carrier surface.

1 Claim 2 (original): A method according to claim 1, wherein
2 the plastic is provided over the at least one relevant face
3 of the carrier base by melting said plastic at least
4 partially.

1 Claim 3 (previously amended): A method according to claim 1,
2 wherein as plastic, a monomer or polymer is used having at
3 least one active group for the relevant preparation, in
4 particular a group that can be used for forming an amino
5 group such as a -COOH or a -COO-methyl group.

1 Claim 4 (previously amended): A method according to claim 1,
2 wherein the carrier surface is treated such that the carrier
3 surface comprises at least one active group for the relevant
4 preparation, in particular a group that can be used for
5 forming an amino group such as a -COOH or a -COO-methyl
6 group.

1 Claim 5 (original): A method according to claim 4, wherein
2 the carrier
3 surface is grafted with a plastic, in particular by means
4 of a monomer or polymer, preferably acrylic acid or methyl
5 acrylate.

1 Claim 6 (previously amended): A method according to claim 4,
2 wherein by introduction of -NH₂ groups in, or at least on
3 the carrier surface, the surface roughness thereof is
4 reduced.

1 Claim 7 (previously amended): A method according to claim 4,
2 wherein at least the plastic layer on at least the carrier
3 surface is brought into contact with a solution of a
4 monomer, whereupon the plastic and the solution are treated
5 such that polymerization of at least a portion of the
6 monomer occurs on the carrier surface, for which purpose,
7 preferably, the plastic together with the solution is
8 exposed to radiation.

1 Claim 8 (original): A method according to claim 7, wherein
2 the carrier
3 surface is provided with a polymerized adhesive layer of a
4 relatively slight thickness, preferably a thickness of at
5 the most a few atoms or relatively flat chains.

1 Claim 9 (previously amended): A method according to claim 3,
2 wherein the active groups are converted into amino groups by
3 means of linkers.

1 Claim 10 (previously amended): A method according to claim
2 3, wherein information-carrying polymers are coupled or
3 synthesized to at least a number of active groups,
4 optionally through the agency of suitable linkers.

1 Claim 11 (previously amended): A method according to claim
2 1, wherein a carrier base is used having a particularly low
3 surface roughness of at least the fare to which the plastic
4 is applied, preferably having a surface roughness in the
5 order of magnitude of atomic roughness or slightly
6 thereabove.

1 Claim 12 (original): A method according to claim 11, wherein
2 a base carrier is used of which at least said face is
3 manufactured from mica or glass or a material which is
4 comparable therewith in respect of surface roughness,
5 hardness and porosity, preferably from glass.

1 Claim 13 (previously amended): A method according to claim
2 1, wherein the carrier surface is formed by or comprises at
3 least one substantially spherical body having a diameter
4 such that in the plastic, on the side facing the carrier, at
5 least one and preferably a matrix of wells is obtained
6 having a volume of less than 3 μl , preferably lose than 1 μl
7 and in particular less than 0.1 μl .

Claims 14-21 (canceled)